



FHWS

iOS Programmierung

(mit Swift)

Peter Braun, Florian Bachmann & Andreas Wittmann

[@pe_braun](#)

[@florianbachmann](#)

[@anwittmann](#)

Deutsche Telekom AG

FHWS - Hochschule für angewandte Wissenschaften Würzburg-Schweinfurt

#FHWSSwift

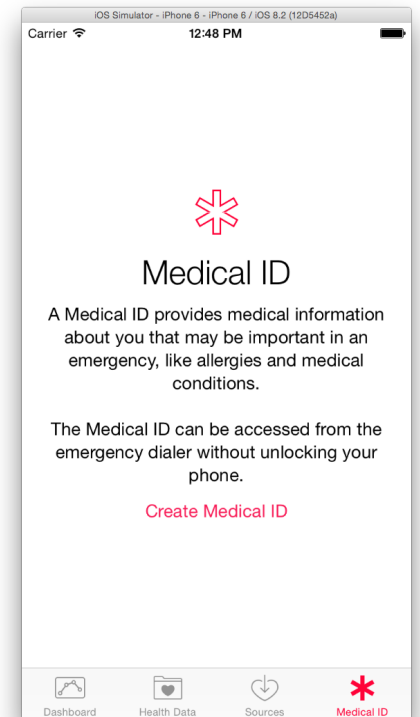
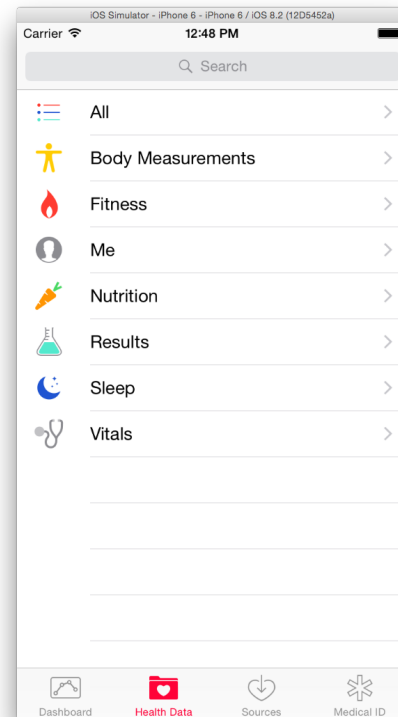
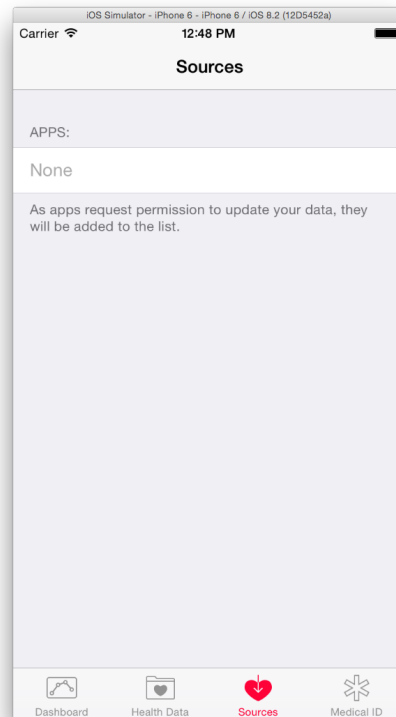
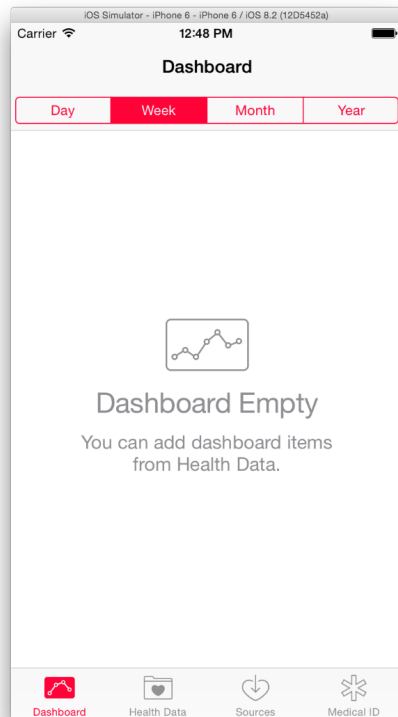
Agenda

1. **Introduction** – Organisatorisches
2. **First iOS-Project** – Hello World, **First iOS-Project** – Still Hello World (now with Code 😊)
3. **Swift**, Wait!, What about Objective-C?, Why Swift?
4. **A (not so) Quick Tour**
5. **Documentation**
6. **The basics** – iOS Architecture & more
7. **User Interfaces** – View Controller, Auto Layout & Size Classes
8. **Storyboard & Segues**
9. **Tables & UINavigationController**
10. **TabBarController**
11. **Notifications**
12. **PickerViews**
13. **Touches, Gestures, 3D Touch, Peek & Pop**
14. **ScrollView & StackViews**
15. **Networking** – JSON & Dependency Managers
16. **WebKit**
17. **Maps**
18. **Storage & Data persistency** – UserDefaults, NSKeyedArchiver & Core Data
19. **ObjC**

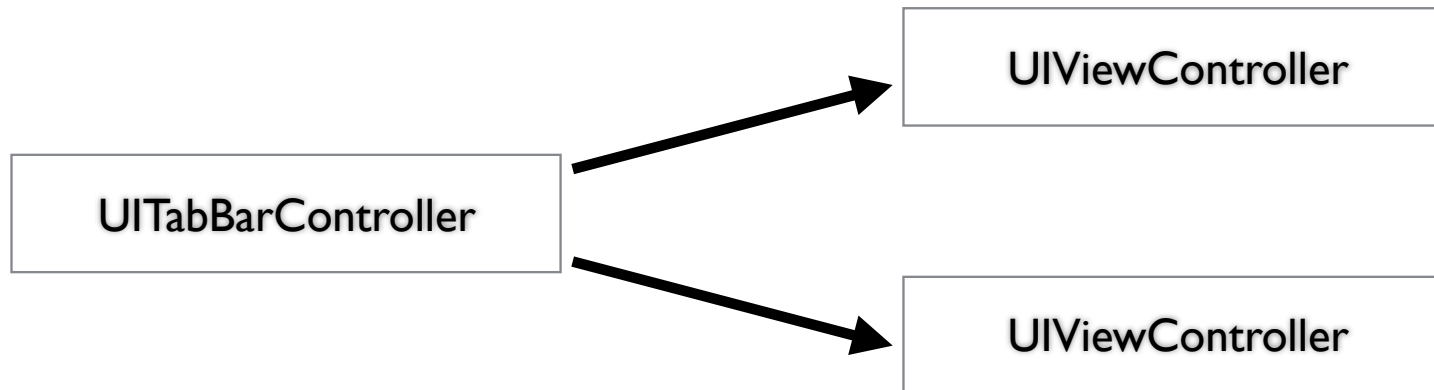
Tabs

UITabBarController, UITabBarItem

UITabBarController

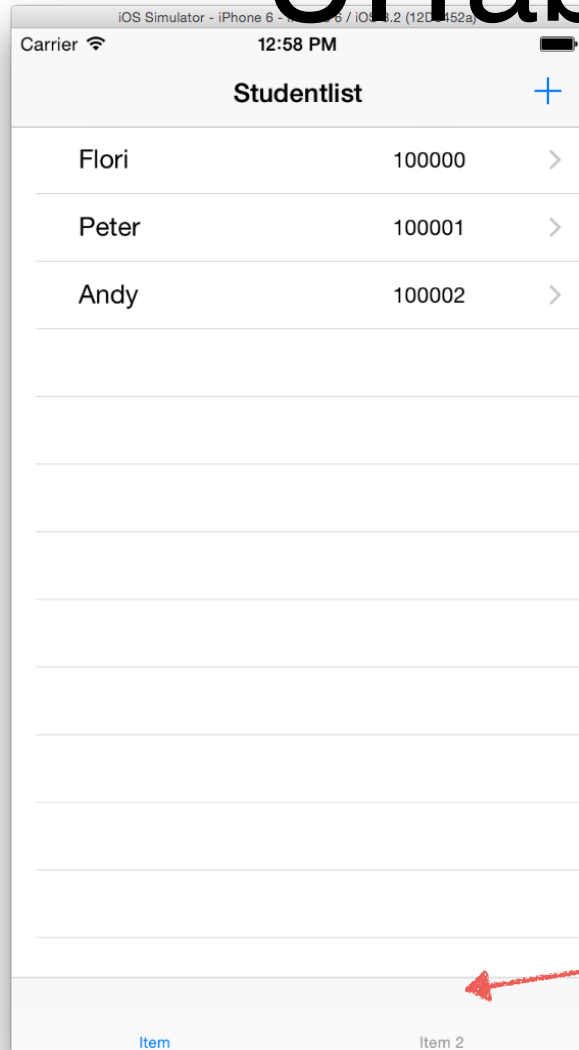


UITabBarController



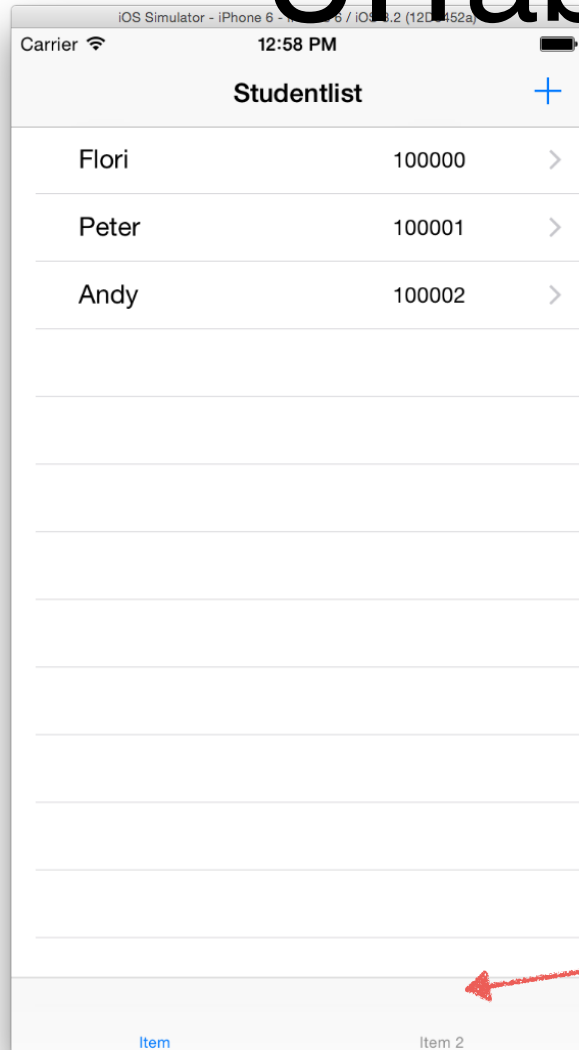
Usually you drag 'n' drop the childViewControllers in the Storyboard

UITabBarController



by default there a titles, supports images

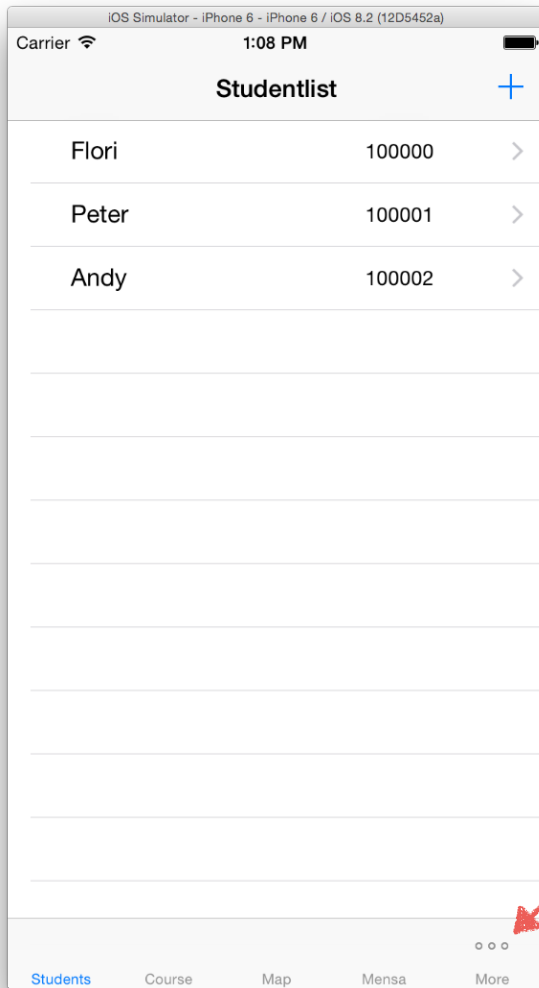
UITabBarController



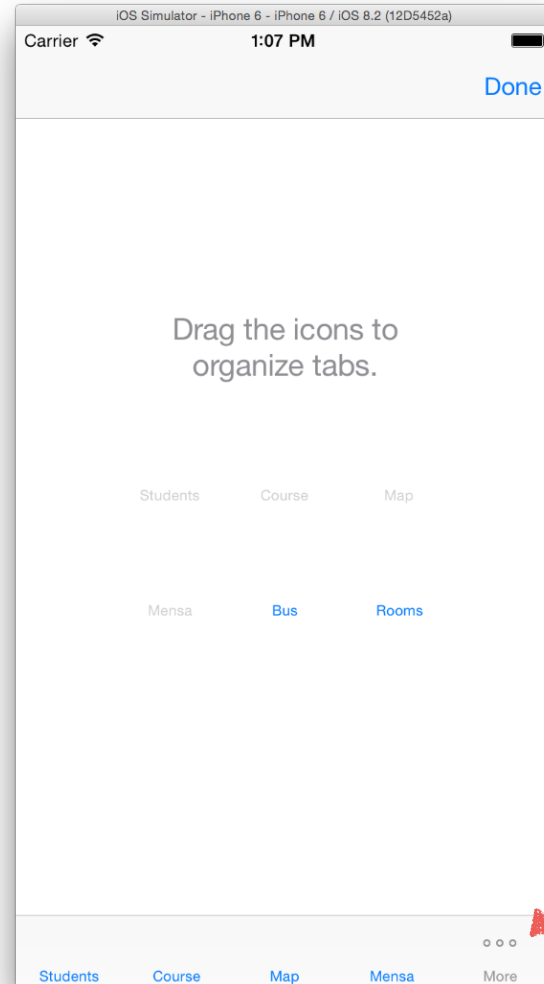
What happens if there are more than 5 tab items?

by default there a titles, supports images

UITabBarController



UITabBarController
generates automatically
"more" Button



User can customize the
tabbar

UITabBarController

Demo

Apple's Clock App

